

32-20110: Recombinant Human FGF-17(Discontinued)

Reactivity : Mouse

Alternative Name : Fibroblast Growth Factor-17, FGFH

Description

Source: **E.coli** FGF-17 is a heparin-binding growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development, postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-17 signals through FGFR 1c, 2c, 3c, and 4. FGF-17 promotes the induction and patterning of brain development during embryogenesis. Recombinant Human FGF-17 is a 22.7 kDa protein consisting of 195 amino acid residues.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: $\geq 95\%$ by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MTQGENHPSP NFNQYVRDQG AMTDQLSRRQ IREYQLYSRT SGKHVQVTGR RISATAEDGN KFAKLIVETD
TFGSRVRIKG AESEKYICMN KRGKLGKPS GSKKDCVFTE IVLENNYTAF QNARHEGWFM AFTRQGRPRQ
ASRSRQNQRE AHFIKRLYQG QLPPFNHAEK QKQFEFVGSA PTRRTKRTRR PQPLT

Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected ED_{50} is ≤ 10 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^5$ units/mg.